

Product Specification



GAS OIL
CLASS D

Property	Units	Limits		Test Method (Note 1)
		Min	Max	
Appearance		Free from visible water and sediment		Visual
Colour		Red		Visual
Odour		Merchantable		
Density at 15 deg C	kg/m ³	820,0		BS EN ISO 3675 or 12185
Cold Filter Plugging Point				BS EN 116
Winter	°C (Note 2)	-	-12	
Summer	°C (Note 3)	-	-4	
Flash Point	°C	56	-	BS EN ISO 2719
Cetane Number		45 (Note 3)	-	BS EN ISO 5119
Cetane Index		45 (Note 3)	-	BS EN ISO 4264
Viscosity at 40°C (Note 2)	cSt	1,5	5	BS EN ISO 3104
Sulphur % Wt	% Wt	-	0,1	BS EN ISO 8754
Copper Corrosion	3Hr @ 50°C	Class 1	-	BS EN ISO 2160
Micro Carbon Residue:				
Residue Wt on 10% bottoms		-	0,3	BS EN ISO 10370
Ash	% Wt	-	0,01	BS EN ISO 6245
Sediment / Total Contamination	% Wt	-	24,0	IP 415
Water	mg/kg	-	200,0	BS EN ISO 12937
Lubricity, Corrected Mean Wear				
Scar Diameter at 60 deg C	µm		460	BS 2000-450
Distillation C				EN ISO 3405:1998
% Vol Rec @ 250°C		-	65,0	
% Vol Rec @ 350°C		85,0	-	
50% Vol Recovered °C		240,0	340,0	Note 4
Oxidation Stability				
0.0 - 7.0% FAME	g/m ³		25,0	BS 2000-388
2.0 - 7.0% FAME	h	20,0		BS EN 15751
Strong Acid Number		-	0,0	BS 6618
FAME		-	7,0	BS EN 14078
Notes				
1. Latest test methods or technical equivalent used.				
2. Unless otherwise advised the following seasonal dates apply: Summer: 16/03 - 30/09, Winter: 1/10 - 15/03.				
3. May contain an ignition improver in which case carbon residue test is not valid and the cetane number minimum will apply.				
4. 50% evaporated is an HMC&E requirement.				
5. Product will be marked with HMC&E statutory marker.				
6. Fatty acid methyl ester (FAME) meeting EN 14214:2008				

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Ukay Fuels Ltd

Ukay House, Threshelfords Business Park, Inworth Road, Feering, Kelvedon, Essex. CO5 9SE
t. +44 (0) 1376 574650 f. +44 (0) 1376 571235 e. enquiries@ukayfuels.co.uk

www.ukayfuels.co.uk